

ABSTRACT

Presented herein is a novel exercise and mobilization device for paraplegic and motorically disabled people that enables the user to shift from a seated to an upright position and perform passive and active walking exercises, comprising a horizontal frame situated on wheels, a vertical frame, a mechanism to move the frame members between a seated and an upright position, a saddle shaped seating area, including a back and arm rest and pelvic and shoulder straps, which fully supports the user, a control panel providing the user full control of the device, and a removable foothold component that fastens to the user's feet and moves along a track mounted on the horizontal frame, which allows the user to practice walking-like motions, either passively or actively according to individual need and ability.